

# 2009 ANNUAL REPORT

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October 30, 2009

Marlene H. Dortch, Esq. Secretary Federal Communications Commission 445 12th Street, SW Washington, DC 20554 Received & Inspected

NOV - 3 2009 FCC Mail Room

Re: IKONOS Satellite System; Space Station Call Sign S2144 2009Annual Report, September 30, 2008 through September 30, 2009 ORBIMAGE License Corp.

Dear Ms. Dortch:

ORBIMAGE License Corp., a wholly owned subsidiary of GeoEye, Inc. ("ORBIMAGE"), licensee of the IKONOS and OrbView remote-sensing satellite systems, hereby submits this report on the operation of the IKONOS system for the annual period ending September 30, 2009. This report is being filed pursuant to Section 25.210(l) of the Commission's rules.

# I. STATUS OF THE IKONOS SYSTEM

The International Bureau approved the assignment of the IKONOS system license from Space Imaging LLC ("Space Imaging") to ORBIMAGE on December 28, 2005. The IKONOS license authorizes the launch and operation of two non-geostationary satellite orbit ("NGSO") satellites in low-Earth orbit in the Earth Exploration Satellite Service ("EESS"). As the Commission is aware, the IKONOS-1 satellite experienced a launch failure in April of 1999 when the payload faring failed to separate from the rocket booster and the satellite was lost. On September 24, 1999, Space Imaging launched the IKONOS-2 satellite, which was successfully placed into orbit, and Space Imaging thereafter notified the Commission that the operation of IKONOS-2 satellite (now simply called IKONOS) conformed to the terms and conditions of the IKONOS system license. As of the above date the IKONOS satellite continues to function in accordance to system specifications.

In January 2003 the National Geospatial-Intelligence Agency ("NGA") awarded ORBIMAGE a three-year ClearView<sup>2</sup> contract to provide IKONOS imagery to NGA and other U.S. Government agencies. On January 6, 2006 NGA exercised its option to extend ORBIMAGE's ClearView contract for IKONOS imagery for an additional one (1) year term.

See Applications of Space Imaging LLC (Assignor) and ORBIMAGE License Corp. (Assignee) for Approval of the Assignment of FCC Licenses and Authorizations, Held by Space Imaging LLC to ORBIMAGE License Corp., Public Notice, IB Docket No. 05-293, DA 05-3291.

<sup>&</sup>lt;sup>2</sup> ClearView contract no. HM1573-04-C-0003

The ClearView contract expired January 30, 2007. Around the same time the ClearView contract expired, ORBIMAGE entered into the NextView<sup>3</sup> contract with NGA to supply IKONOS imagery and products to NGA and other U.S. Government agencies. ORBIMAGE continues to supply IKONOS imagery and products to NGA under the NextView contract. GeoEye also supplies commercial customers with IKONOS imagery.

## NON-SCHEDULED OUTAGES II.

The IKONOS satellite utilizes a wideband transmitter with two 160 megahertz channels for downlink transmission of imagery data to FCC-licensed earth stations in Fairbanks, Alaska; Thornton, Colorado: Norman, Oklahoma: Kiruna, Sweden; and to other earth stations licensed by foreign administrations. There have been no non-scheduled outages of the IKONOS satellite's downlink transmitter, and the satellite has been functioning normally and transmitting imagery data at appropriate intervals in conformance with ORBIMAGE's authorization.

### TRANSPONDER UTILIZATION III.

All transponder capacity is used for the internal business purposes of ORBIMAGE: to download remote sensing imagery from IKONOS, which imagery ORBIMAGE provides to its customers.

#### IV. TRANSPONDER FUNCTIONING

All transponders are available for service and performing to specifications.

Respectfully submitted,

Daniel J. Connors, Jr.

Vice President and Associate General Counsel

FCC Columbia Operations Center cc:

Fern Jarmulnek

Karl Kensinger

Robert Nelson

Kathyrn Medley

Sylvia Lam

<sup>&</sup>lt;sup>3</sup> NextView contract no. HM1573-04-3-0001